Spare Parts Catalogue

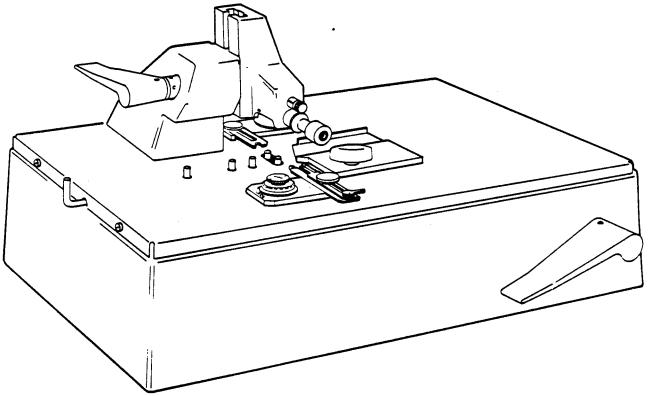

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Fig. 1

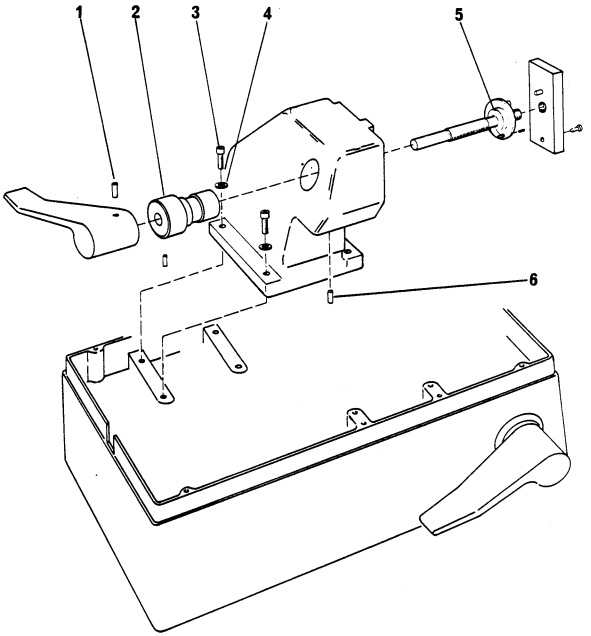


FIG 1

SPARE PARTS CATALOGUE

ITEM	PARTNO	DESCRIPTION	NOTES	FROM S/N
1	95 25 0275	PIN (PKT/5)		
2	90 01 9263	ADJUSTING SLEEVE		
3	95 27 0574	SCREW HC6S 6X20 (PKT/10)		
4	95 25 0035	WASHER BRB 6,4X12(PKT/10)		
5	90 01 9260	SPRING		
6	95 27 1067	SCREW P6SS 5X16 NN (PKT/5)		

Fig.2

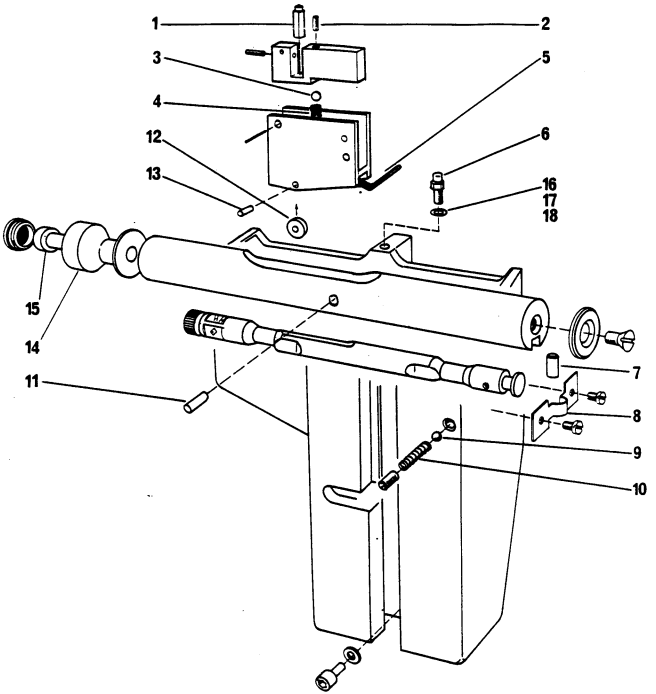


FIG 2

SPARE PARTS CATALOGUE

ITEM	PARTNO	DESCRIPTION	NOTES	FROM S/N
	90 01 9232	CLAMPING HEAD COMPLETE		
1	90 02 1733	SCORING WHEEL COMPL.		
2	95 27 0273	SCREW PGSS 3X6 (PKT/10)		
3	90 02 1526	PRESSURE DISC		
4	94 91 0775	SPRING (PKT/5)		
5	90 01 9248	SPRING		
6	94 91 0863	SUPPORT STUD		
7	95 25 1055	PIN PKT/5		
8	90 01 9264	PIN HOLDER		
9	95 25 0138	BALL 4R (PKT/10)		
10	94 91 0695	SPRING (PKT/5)		
11	95 25 0313	PIN CP 3X10R (PKT/10)		
12	94 91 0518	RUNNER		
13	95 25 1005	PIN (PKT/5)		
14	94 91 0523	GRIP		
15	95 25 0120	RETAINER SGA6 (PKT/10)		
16	94 91 9835	WASHER T/0,5MM		
17	94 91 9836	WASHER T/0.2MM		
18	94 91 9837	WASHER T/0,1MM		

Fig.3

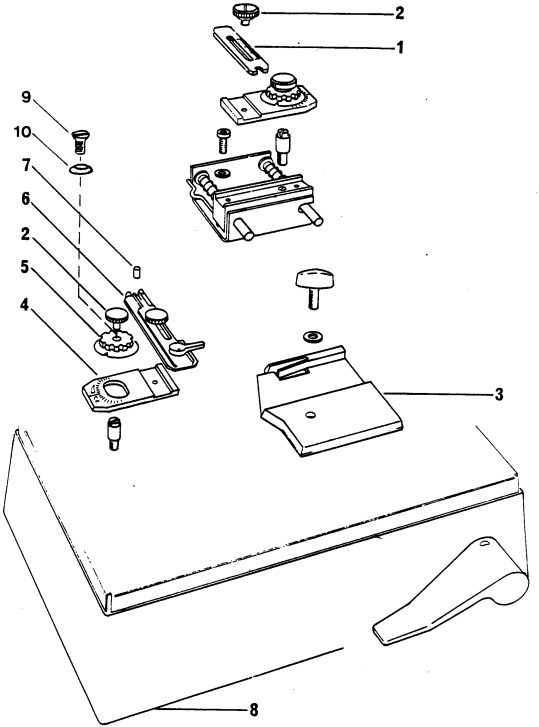


FIG 3

SPARE PARTS CATALOGUE

ITEM	PARTNO	DESCRIPTION	NOTES	FROM S/N
1	90 01 9261	GLASS HOLDER REAR		
2	94 91 0613	LOCKING SCREW		
3	90 01 9266	GUIDE PLATE		
4	90 01 9267	GUIDE		
5	90 01 9269	KNOB		
6	90 01 9230	DAMPING DEVICE		
7	94 91 1783	DAMPING PAD (PKT/5)		
8	95 39 0007	RUBBER FOOT		
9	95 27 0173	C-2 LOCKING DEVICE SCREW (PKT/5)		
10	95 25 1054	C-2 LOCKING DEVICE WASHER (PKT/5)		

Fig.4

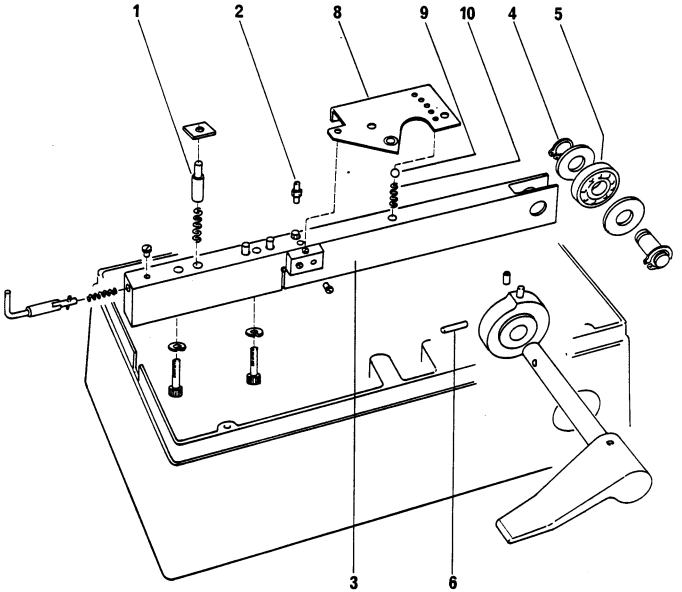


FIG 4

SPARE PARTS CATALOGUE

ITEM	PARTNO	DESCRIPTION	NOTES	FROM S/N
1	90 01 9243	ARRESTING STUD		
2	94 91 0788	BREAKING PIN		
3	90 01 9272	BREAKING ARM		
4	95 25 0124	RETAINER SGA12 (PKT/10)		
5	95 35 0035	BALL BEARING		
6	95 27 0283	SCREW S6SS 4X5 (PKT/10)		
7	95 27 1074	SCREW 10X25 (PKT/10)		
8	90 01 9276	SEGMENT		
9	95 25 0237	BALL 06 (PKT/5)		
10	94 92 5151	SPRING (PKT/5)		

ADJUSTMENT AND MAINTENANCE NOTES

The purpose of this section is to describe disassembly and assembly of the most critical parts of the KnifeMaker and explain technical adjustments. There is little that can go wrong if the instrument is not severely wrenched or dropped. Make sure that the following normal servicing is carried out regularly:

A. Keep all surfaces clear of glass chips, otherwise a chip on a critical part of the instrument may cause misalignment of the glass squares.

If chips or dust fall inside the instrument, through openings in the cover plate, this will not affect the operation of the instrument.

B. Clean all sliding surfaces with a cloth and then coat them, LIGHTLY, with molycote. Make sure that the sliding movement of the Clamping Head of the Bracket receives a light coating of grease.

1) The cutter wheel should be replaced occasionally. If you find that scoring becomes coarse or difficult, even after adjusting the pressure on the wheel, it probably means that the wheel should be replaced. A set of spare wheels is included with the basic instrument. Additional wheels can be ordered (Spare Part number, 95 51 1019).

REPLACEMENT OF CUTTER WHEEL HOLDER

See fig. 1.

Remove the clamping head as follows:

Turn the locking lever to unlocked position.

Lift the clamping head.

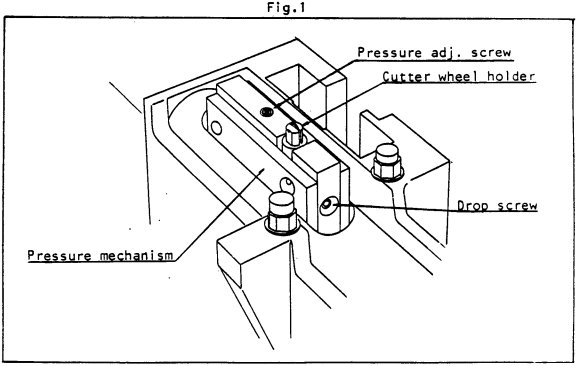
Hold the clamping head upside down, and lif the pressure mechanism a little by hand.

Unscrew the drop screw and pull out the cutter wheel holder.

Insert a new holder with the round side facing the drop screw. Tighten the drop screw gently.

Replace the clamping head and make a test scoring.

Fig.1



ADJUSTMENT OF SCORING PRESSURE

If the score in the glass is either too deep or too faint, the pressure on the cutter wheel must be adjusted as follows:

Remove the clamping head and place it upside down. Insert a 2.5 mm allen key into the pressure adjusting screw and adjust spring pressure. See fig. 1.

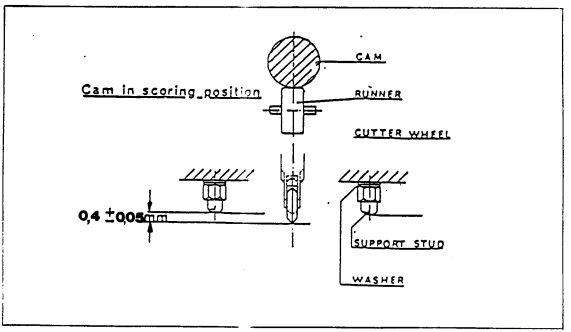
If scoring pressure is too great, turn the screw counter clockwise about one turn.

If scoring pressure is too small turn the screw clockwise about one turn.

Replace the clamping head and make a test scoring.

The relative positions of scoring shaft, cutter wheel and support studs when scoring are shown in Fig. 2.

Fig. 2



DISASSEMBLY OF LOCKING MECHANISM

See Fig. 3

Remove the clamping head.

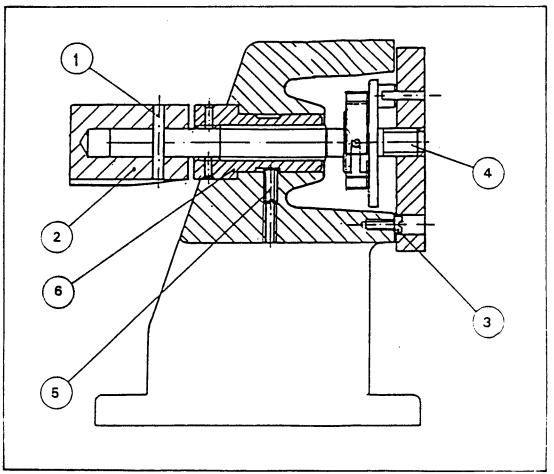
Push out the tapered pin (1) and remove the locking lever (2).

Unscrew screw (3).

Unscrew the axle (4) together with the pressure assembly.

Loosen the drop screw (5) and pull out the adjusting sleeve (6).

Fig.3



ASSEMBLING OF LOCKING MECHANISM

See fig. 4.

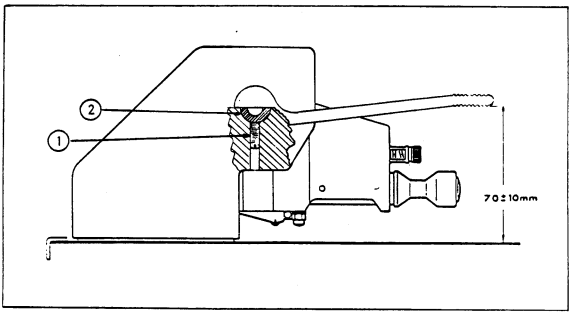
Cont. grease the sliding surfaces lightly with holycote before assembling.

Assemble in reverse order, but do not tighten the screw (1).

After replacing the clamping head, swing the locking lever to locked position.

Hold it steady acc. to fig. 4, and turn the adjusting sleeve (2) until the clamping head is tight. Tighten the drop screw (1).

Fig.4



ADJUSTMENT OR REPLACEMENT OF DAMPING PAD

Damping Pad, (see fig. below) will have to be replaced when it has become completely worn out.

However, when one part of the pad is worn, simply rotate the pad in order to expose a new surface for the edge of the glass square. A set of square Damping Pads is included with the instrument.

Additional pads can be ordered.

(Spare part number 94 91 1783).